

### **Focus Area 3: Lung Cancer**

**Objective 3-2** targets an overall reduction in the lung cancer death rate to 44.9 per 100,000 population.

California's age-adjusted death rates for lung cancer were 46.7 per 100,000 population in 2000, 46.0 in 2001, 43.6 in 2002, and 42.0 in 2003 (Figure 3-2, Table 3-2). As of 2002, California's lung cancer death rates had declined to a level below the HP2010 target of 44.9 per 100,000 population.

California data by race and ethnicity show that African Americans/Blacks had the highest age-adjusted lung cancer death rates: 63.2 per 100,000 in 2000; 64.4 in 2001; 58.6 in 2002; and 57.2 in 2003. The next highest lung cancer death rates were reported for Whites (54.1 per 100,000 in 2000, 53.5 in 2001, 51.6 in 2002, and 49.0 in 2003). These rates are significantly higher than the HP2010 target of 44.9 per 100,000 population, and this objective is not being achieved for these racial groups. The HP2010 objective for lung cancer death rates is, however, being achieved for the American Indian/Alaska Native, Asian, Pacific Islander, Hispanic/Latino, and "Multirace" populations.

Age-adjusted lung cancer death rates for males were significantly higher than rates for females, and also significantly higher than the HP2010 target. The death rates for both genders were declining, however: male rate declined from 59.1 per 100,000 population in 2000 to 51.2 per 100,000 in 2003; female rates declined from 37.6 per 100,000 in 2000 to 35.1 per 100,000 in 2003. The HP2010 lung cancer objective is being achieved for females, but not for males.

For more information on lung cancer in California, visit the California Cancer Registry Web site at:

<http://www.ccrca.org/>

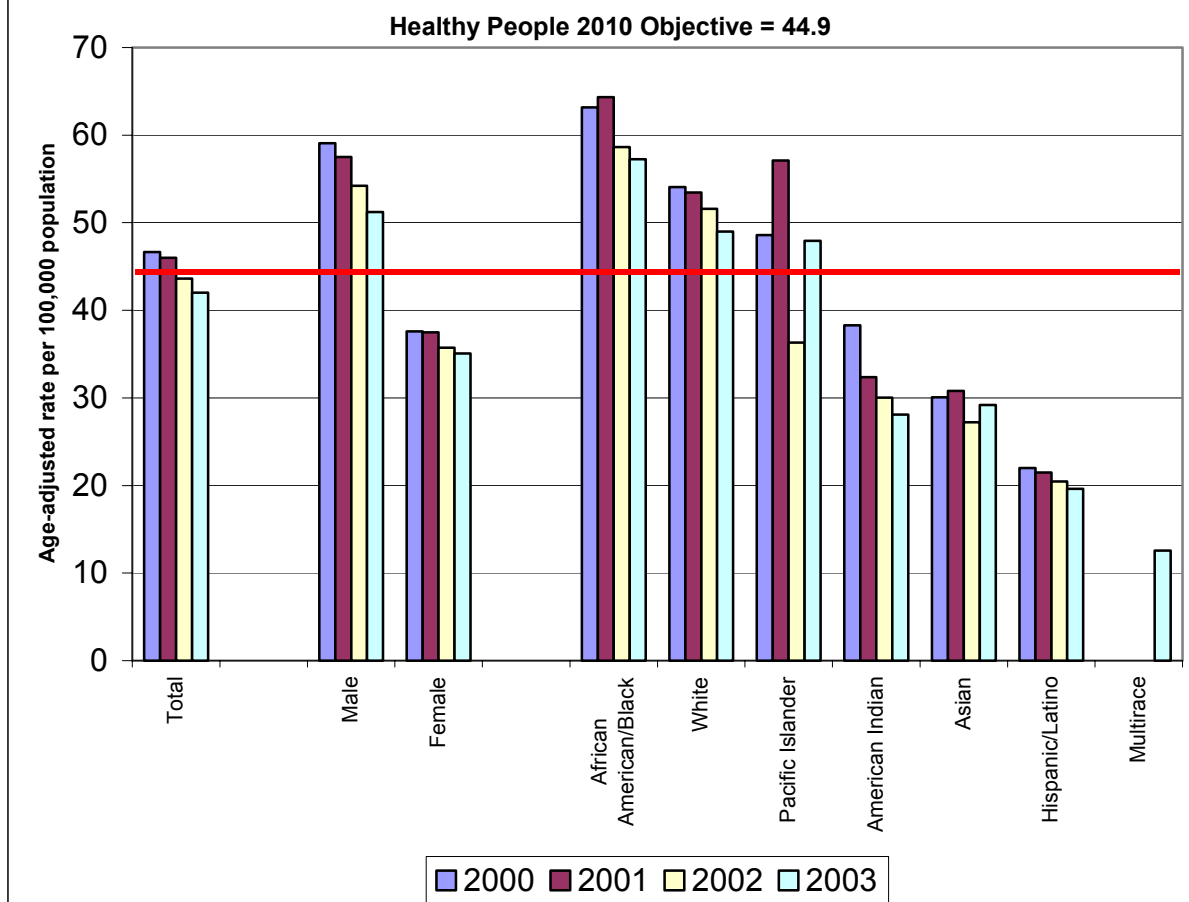
For more information on Healthy People 2010 objective 3-2, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume1/03Cancer.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od03.htm>

**Figure 3-2**  
**Lung Cancer Death Rates**  
**California, 2000-2003**



**Table 3-2**  
**Lung Cancer Deaths and Death Rates**  
**California, 2000-2003**

	<b>2000</b>		<b>Lower</b>	<b>Upper</b>	<b>2001</b>		<b>Lower</b>	<b>Upper</b>
	<b>N</b>	<b>Rate<sup>1</sup></b>	<b>95% C.I.</b>	<b>95% C.I.</b>	<b>N</b>	<b>Rate<sup>1</sup></b>	<b>95% C.I.</b>	<b>95% C.I.</b>
<b>Healthy People 2010 Target</b>		<b>44.9</b>				<b>44.9</b>		
<b>CALIFORNIA TOTAL</b>	13,662	46.7	45.9	47.4	13,966	46.0	45.2	46.8
<b>Race-Ethnicity</b>								
African American/Black	1,019	63.2	59.2	67.1	1,076	64.4	60.4	68.2
American Indian	50	38.3	27.2	49.4	47	32.4	22.8	42.0
Asian	878	30.1	28.0	32.1	974	30.8	28.8	32.8
Hispanic/Latino	903	22.0	20.5	23.5	949	21.5	20.0	22.9
Pacific Islander	27	48.6	28.8	68.3	33	57.1	36.1	78.1
White	10,760	54.1	53.0	55.1	10,862	53.5	52.4	54.5
Multirace	23	DSU	-----	-----	20	DSU	-----	-----
<b>Gender</b>								
Female	6,216	37.6	36.7	38.6	6,403	37.5	36.6	38.4
Male	7,446	59.1	57.7	60.4	7,563	57.5	56.2	58.8

	<b>2002</b>		<b>Lower</b>	<b>Upper</b>	<b>2003</b>		<b>Lower</b>	<b>Upper</b>
	<b>N</b>	<b>Rate<sup>1</sup></b>	<b>95% C.I.</b>	<b>95% C.I.</b>	<b>N</b>	<b>Rate<sup>1</sup></b>	<b>95% C.I.</b>	<b>95% C.I.</b>
<b>Healthy People 2010 Target</b>		<b>44.9</b>				<b>44.9</b>		
<b>CALIFORNIA TOTAL</b>	13,738	43.6	42.9	44.4	13,644	42.0	41.3	42.7
<b>Race-Ethnicity</b>								
African American/Black	1,018	58.6	55.0	62.3	1,024	57.2	53.7	60.8
American Indian	50	30.0	21.4	38.6	53	28.1	20.3	35.9
Asian	918	27.2	25.4	29.0	1,036	29.2	27.4	31.0
Hispanic/Latino	957	20.5	19.1	21.8	990	19.6	18.4	20.9
Pacific Islander	28	36.3	21.8	50.9	36	47.9	31.3	64.6
White	10,745	51.6	50.6	52.6	10,448	49.0	48.1	50.0
Multirace	20	DSU	-----	-----	46	12.6	8.9	16.3
<b>Gender</b>								
Female	6,306	35.7	34.8	36.6	6,381	35.1	34.2	35.9
Male	7,432	54.2	53.0	55.5	7,263	51.2	50.0	52.4

SOURCES: CA Department of Health Services, Death Records, 2000-2003; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2030, May 2004.

NOTES: Lung cancer deaths defined by ICD-10 codes C33-C34 .

<sup>1</sup> Rate per 100,000 population, age-adjusted using the 2000 US population standard; excludes death records with unknown ages.

DSU = Data Statistically Unreliable based on small number of events.